

[0003] DESCRIPTION OF THE RELATED ART

[0007] SUMMARY OF THE INVENTION

[0035] DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

A

[0127] The microlens array substrate 2 (see Fig. 3) can be fabricated by using this master plate 210 and by applying the processes described above. In this case, the details described above can also be applied here. The entire disclosure of Japanese Patent Application 2000-226675, filed July 27, 2000 is herein incorporated by reference.

IN THE CLAIMS

PLEASE AMEND THE CLAIMS

Please amend the claims in accordance with the following rewritten claims in clean form. Applicant includes herewith an Attachment for Claim Amendments showing a marked up version of each amended claim.

A2

5. (Amended) The method for fabricating the microlens array according to claim 1, wherein said light transmitting layer precursor includes a substance which can be cured by applying energy.

A3

7. (Amended) The method for fabricating the microlens array according to claim 1, wherein said light transmitting layer precursor is made of a resin.

A31
Cont

8. (Amended) A microlens array fabricated by the method according to claim 1.

Please add the following new claims.

12. (New) A method for fabricating a microlens array comprising:

forming a plurality of microlenses on a substrate;

disposing a light transmitting layer precursor onto said substrate;

disposing a flat reinforcing plate onto said light transmitting layer precursor

to disperse said light transmitting layer precursor over said microlenses of said substrate;

curing said light transmitting layer precursor in order to form a light transmitting layer; and

removing said reinforcing plate from said light transmitting layer so that said light transmitting layer contains a flat surface.

13. (New) A method for fabricating a microlens array comprising:

producing a master plate for fabricating a microlens array substrate,

wherein a first substrate is etched to form curved surface parts;

producing an intermediate plate, wherein an intermediate plate precursor is disposed onto said master plate and a first reinforcing plate is brought into contact with said master plate so as to disperse said intermediate plate precursor over said curved surface parts;

thereafter curing said intermediate plate precursor and removing said master plate;

producing a replica plate from said intermediate plate, wherein a metal film is deposited onto said intermediate plate so as to be a conductor for further forming a metal layer;

thereafter removing said metal film and metal layer from said intermediate plate;

producing a light transmitting layer, wherein a light transmitting layer precursor is disposed onto said replica plate and a second reinforcing plate is brought into contact with said replica plate so as to disperse said light transmitting layer precursor over curved surface parts of said replica plate; and

thereafter curing said light transmitting layer precursor and removing said replica plate.

14. (New) A method according to claim 13, wherein the curved surface parts are one of concave and convex.

CONCLUSION

The purpose of this Preliminary Amendment is to clarify the translation, amend claims and to add new claims. Favorable consideration of this application is respectfully requested.

Respectfully submitted,

Dated: Nov 5, 2001

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